



# 1999 Toxics Release Inventory

## INDIANA

### Reported Releases and Waste Management Activities (in pounds)

	Original Industries	New Industries	Total
On-site Releases	75,313,277	64,881,108	140,194,385
Air Emissions	52,122,195	48,132,347	100,254,542
Surface Water Discharges	6,749,598	145,397	6,894,995
Underground Injection Class I Wells	890,265	0	890,265
Underground Injection Class II-V Wells	0	0	0
On-site Land Releases to RCRA Subtitle C Landfills	1,975,358	0	1,975,358
Other On-site Land Releases	13,575,861	16,603,364	30,179,225
Off-site Releases (Transfers Off-site to Disposal)*	50,468,571	8,207,756	58,676,327
<b>Total On- and Off-site Releases</b>	<b>125,781,848</b>	<b>73,088,864</b>	<b>198,870,712</b>
Recycled On-site	149,429,156	10,454,806	159,883,962
Recycled Off-site	152,244,644	1,067,953	153,312,597
Energy Recovery On-site	144,380,707	0	144,380,707
Energy Recovery Off-site	10,726,323	2,582,765	13,309,088
Treated On-site	137,237,418	44,032,157	181,269,575
Treated Off-site**	17,946,799	115,091	18,061,890
Quantity Released On- and Off-site***	132,390,616	71,945,422	204,336,038
<b>Total Production-related Waste Managed</b>	<b>744,355,663</b>	<b>130,198,194</b>	<b>874,553,857</b>
<b>Total Non-production-related Waste Managed</b>	<b>362,176</b>	<b>229</b>	<b>362,405</b>

### Transfers Off-site for Further Waste Management/Disposal

Recycling	157,282,502	1,037,080	158,319,582
Energy Recovery	11,163,047	2,581,368	13,744,415
Treatment	9,433,773	142,945	9,576,718
Publicly Owned Treatment Works (POTWs)	10,768,504	30,335	10,798,839
Metals and Metal Compounds*	84,690	2,160	86,850
Non-metal TRI Chemicals**	10,683,814	28,175	10,711,989
Other Off-site Transfers***	3,611	0	3,611
Off-site Transfers to Disposal (not including metals to POTWs)	59,193,786	8,209,615	67,403,401
<b>Total Transfers Off-site for Further Waste Management/Disposal</b>	<b>247,845,223</b>	<b>12,001,343</b>	<b>259,846,566</b>

\* Transfers to POTWs of metals and metal compounds are included in off-site releases. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Transfers to POTWs of non-metals are included in treated off-site waste management activity.

\*\*\* Excludes non-production-related releases; e.g. releases due to catastrophic events or remedial actions.

\*\*\*\* Transfers reported without a valid waste management code.

### For More Information . . .

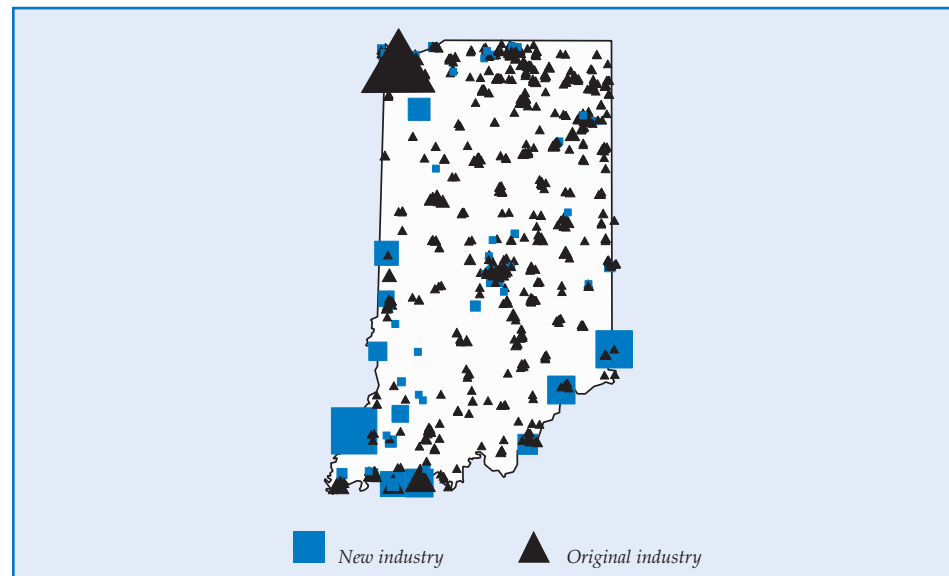
#### State Contact:

John B. Chavez  
(317) 232-6661  
Fax: (317) 233-5627  
E-mail: jchavez@dem.state.in.us

#### EPA Regional Contact:

Thelma Codina  
(312) 886-6219  
Fax: (312) 353-4788  
E-mail: codina.thelma@epa.gov

To obtain TRI data use  
assistance, call TRI User  
Support Service (TRI-US):  
(202) 260-1531  
Fax: (202) 401-2347



The largest marker in the state map represents the largest facility for on-site releases in the state of Indiana. All markers are proportionally-sized to represent the on-site releases at each facility within this state.

### State/TRI Data

Population	5,942,901
Square Miles	35,870
Total Facilities	1,041
Total Forms	3,795
Form As	468

	Original Industries	New Industries	Total
<b>National Rank for Total On- and Off-site Releases*</b>			
Rank	5	11	9
Pounds	125,781,848	73,088,864	198,870,712
<b>National Rank for Total On-site Releases**</b>			
Rank	8	14	12
Pounds	75,313,277	64,881,108	140,194,385
<b>National Rank for Total Releases within State***</b>			
Rank	5	13	9
Pounds	110,685,724	71,614,614	182,300,338
<b>National Rank for Production-related Waste Managed</b>			
Rank	8	10	11
Pounds	744,355,663	130,198,194	874,553,857

\* Includes transfers out-of-state for disposal. Excludes transfer amounts sent for disposal to other TRI facilities reporting that amount released on-site.

\*\* Includes amounts released at the facility. Excludes amounts transferred to other sites.

\*\*\* Excludes transfers for disposal sent out-of-state or sent to other TRI facilities within the state reporting that amount released on-site.



# 1999 Toxics Release Inventory

## INDIANA

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Original Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
--	Zinc compounds	631,520	40,046	0	11,239,078	19,111,346	31,021,990	526,313	17,460,396	1,652,178
7440-66-6	Zinc (fume or dust)	45,501	0	0	1,331,600	14,022,905	15,400,006	34,475	130,379	13,892,526
7429-90-5	Aluminum (fume or dust)	206,465	260	0	68,509	7,534,369	7,809,603	486,956	1,272,364	6,262,005
100-42-5	Styrene	6,275,157	250	0	126,446	246,867	6,648,720	2,838	238,833	8,034
108-88-3	Toluene	6,165,824	363	0	5,771	176,160	6,348,118	945	151,158	25,498
--	Manganese compounds	121,429	24,979	7,100	1,147,062	4,788,219	6,088,789	27,560	4,510,726	277,493
--	Nitrate compounds	1,563	6,022,222	0	23,957	12,462	6,060,204	52,254	7,468	4,994
1330-20-7	Xylene (mixed isomers)	5,417,087	467	0	3,081	75,543	5,496,178	2,704	62,305	13,737
75-09-2	Dichloromethane	4,572,575	365	0	5	17	4,572,962	1,312	0	17
7664-41-7	Ammonia	2,478,278	68,964	679,265	16,429	153,008	3,395,944	1,603	18,057	134,951

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.

### On-site and Off-site Releases for Top Ten Chemicals Ranked on Total Releases in the State (Seven New Industries)

CAS Number	Chemical	On-site Releases				Off-site Releases	Total Releases in the State**	Off-site Transfers to Disposal		
		Air Emissions Pounds	Surface Water Discharges Pounds	Underground Injection Pounds	On-site Releases to Land Pounds	Transfers Off-site to Disposal* Pounds		Transferred Into State Pounds	Transferred Within State Pounds	Transferred Out of State Pounds
7647-01-0	Hydrochloric acid	28,632,576	0	0	0	0	28,632,576	0	0	0
7664-93-9	Sulfuric acid	14,439,477	0	0	0	0	14,439,477	0	0	0
--	Barium compounds	211,934	51,621	0	6,451,283	965,781	7,680,619	138	599,775	366,006
--	Zinc compounds	170,334	16,518	0	2,903,652	1,330,053	4,420,557	42,898	1,289,577	40,476
7664-39-3	Hydrogen fluoride	3,156,655	0	0	0	0	3,156,655	1	0	0
7440-02-0	Nickel	5	5	0	0	2,714,225	2,714,235	65,226	1,500,925	1,213,300
--	Manganese compounds	18,627	11,827	0	2,103,097	239,733	2,373,284	17	229,231	10,502
--	Nickel compounds	11,750	10,849	0	1,424,831	89,236	1,536,666	1,890	89,236	0
--	Chromium compounds	10,502	4,239	0	1,053,939	96,817	1,165,497	31,171	96,249	568
--	Copper compounds	37,107	7,518	0	1,001,704	75,518	1,121,847	2,873	75,518	0

\* Excludes amounts transferred to other TRI facilities in the state reporting that amount released on-site.

\*\* The chemical ranking is based on the amounts in this column.



# 1999 Toxics Release Inventory

## INDIANA

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Original Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
USS Gary Works, Gary, Lake	2,166,746	36,712	0	0	0	12,043,800	14,247,258	251,950	572,950
AK Steel Corp., Rockport, Spencer	16,018	4,463,470	0	0	0	0	4,479,488	237,882	1,000
Alcoa Inc. - Warrick Ops., Newburgh, Warrick	2,515,892	23,221	0	0	0	21,687	2,560,800	166,901	224
GE Plastics Mt. Vernon Inc., Mount Vernon, Posey	2,434,857	88,504	0	0	0	0	2,523,361	185,552	0
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	386,135	59,900	681,000	0	0	552,650	1,679,685	0	69,130
Sequa Coatings Corp., Precoat Metals Div., Portage, Porter	1,652,684	0	0	0	0	0	1,652,684	13,286	70
GMTG Fort Wayne Assembly, Roanoke, Allen	1,265,303	0	0	0	0	0	1,265,303	1,220	9,610
Clinton Labs., Clinton, Vermillion	1,100,190	21,925	0	0	0	34,885	1,157,000	728,550	250
Beta Steel Corp., Portage, Porter	5,600	0	0	0	1,140,000	3,225	1,148,825	3,225	1,140,000
Cargill Inc., Lafayette, Tippecanoe	1,049,643	0	0	0	0	0	1,049,643	0	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.

### On- and Off-site Releases for Top Ten Facilities Ranked on Total On-site Releases in the State (Seven New Industries)

Facility, City, County	On-site Releases						Total On-site Releases* Pounds	Off-site Releases (Transfers Off-site to Disposal)	
	Underground Injection				On-site Releases to Land			Transferred Within State Pounds	Transferred Out of State Pounds
	Air Emissions Pounds	Surface Water Discharges Pounds	Class I Wells Pounds	Class II-V Wells Pounds	RCRA Subtitle C Landfills Pounds	Other On-site Land Releases Pounds			
PSI Energy Gibson Generating Station, Princeton, Gibson	7,160,469	0	0	0	0	2,977,510	10,137,979	0	2
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	7,024,546	33,290	0	0	0	747,045	7,804,881	0	6,406
American Electric Power Rockport Plant, Rockport, Spencer	3,677,045	10,699	0	0	0	1,718,555	5,406,299	0	4,377
Clifty Creek Station, Madison, Jefferson	4,686,485	11,169	0	0	0	706,564	5,404,218	0	0
Alcoa Generating Corp./Sigeco - Warrick Power Plant, Newburgh, Warrick	3,812,880	658	0	0	0	846,045	4,659,583	186,310	0
PSI - Cayuga Generating Station, Cayuga, Vermillion	3,036,870	418	0	0	0	1,387,045	4,424,333	1	0
R.M. Schahfer Generating Station, Wheatfield, Jasper	1,377,516	6,751	0	0	0	2,549,105	3,933,372	0	0
PSI Energy Gallagher Generating Station, New Albany, Floyd	3,111,935	502	0	0	0	254,020	3,366,457	0	0
Merom Generating Station, Sullivan, Sullivan	1,481,036	551	0	0	0	1,494,000	2,975,587	0	0
Indianapolis Power & Light Co., Petersburg Generating Station, Petersburg, Pike	2,075,096	41,814	0	0	0	445,568	2,562,478	598,811	0

\*The facility ranking is based on the amounts in this column; these quantities exclude transfers out of state.



# 1999 Toxics Release Inventory

## INDIANA

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Original Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
Steel Dynamics Inc., Butler, De Kalb	0	0	0	0	0	0	21,146,781	21,146,781	0
Nucor Steel, Crawfordsville, Montgomery	0	0	0	0	1,809,546	0	16,987,223	18,796,769	0
USS Gary Works, Gary, Lake	2,570,410	1,514,823	4,608,732	0	55,029	0	15,079,175	23,828,169	0
AK Steel Corp., Rockport, Spencer	0	11,200	0	0	5,479,000	0	4,705,000	10,195,200	15
Alcoa Inc. - Warrick Ops., Newburgh, Warrick	9,931,300	254,500	8,455,000	11,364	600,900	28,377	2,732,991	22,014,432	0
GE Plastics Mt. Vernon Inc., Mount Vernon, Posey	0	0	310,000	437,420	31,266,677	94,970	2,710,525	34,819,592	0
Quemetco Inc., Indianapolis, Marion	0	0	0	0	0	0	2,535,000	2,535,000	87,890
LTV Steel Co., East Chicago, Lake	0	0	0	0	0	0	2,457,400	2,457,400	1
Clinton Labs., Clinton, Vermillion	0	0	0	0	25,363,130	3,410	1,915,203	27,281,743	0
Bethlehem Steel Corp. Burns Harbor Div., Burns Harbor, Porter	2,459,000	0	0	0	2,400	0	1,740,290	4,201,690	480

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.

### Total Production-related Waste for Top Ten Facilities Ranked on Quantity Released On- and Off-site (Seven New Industries)

Facility, City, County	Recycled On-site Pounds	Recycled Off-site Pounds	Energy Recovery On-site Pounds	Energy Recovery Off-site Pounds	Treated On-site Pounds	Treated Off-site Pounds	Quantity Released On- and Off-site*	Total Production- related Waste Managed Pounds	Total Non- production- related Waste Managed Pounds
PSI Energy Gibson Generating Station, Princeton, Gibson	0	0	0	0	9,360,000	0	10,129,700	19,489,700	0
American Electric Power Tanners Creek Plant, Lawrenceburg, Dearborn	0	116,800	0	0	220,000	0	7,812,000	8,148,800	0
Heritage Environmental Services L.L.C., Indianapolis, Marion	0	0	0	0	1,689,000	950	6,231,200	7,921,150	0
American Electric Power Rockport Plant, Rockport, Spencer	0	43,900	0	0	380,000	0	5,420,000	5,843,900	0
Clifty Creek Station, Madison, Jefferson	0	0	0	0	1,600,000	0	5,398,000	6,998,000	0
Alcoa Generating Corp./Sigeco - Warrick Power Plant, Newburgh, Warrick	0	0	0	0	0	0	4,847,000	4,847,000	0
PSI - Cayuga Generating Station, Cayuga, Vermillion	0	0	0	0	1,125,500	0	4,421,000	5,546,500	0
R.M. Schahfer Generating Station, Wheatfield, Jasper	0	0	0	0	7,691,132	0	3,933,374	11,624,506	0
PSI Energy Gallagher Generating Station, New Albany, Floyd	0	0	0	0	780,800	0	3,366,000	4,146,800	0
Indianapolis Power & Light Co., Petersburg Generating Station, Petersburg, Pike	0	1	0	0	8,900,259	0	3,161,289	12,061,549	0

\*The facility ranking is based on the amounts in this column; these quantities exclude non-production-related releases.